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DIVISION OF CONSUMER ADVOCACY  
Department of Commerce and  
Consumer Affairs  
335 Merchant Street, Room 326  
Honolulu, Hawaii 96813  
Telephone: (808) 586-2800

BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF HAWAII

In the Matter of the Application of )  
HAWAII ELECTRIC LIGHT COMPANY, INC.)  
Approval of Rate Increase and Revised )  
Rate Schedules and Rules. )

DOCKET NO. 05-0315

**DIVISION OF CONSUMER ADVOCACY'S**  
**RESPONSES TO HAWAII ELECTRIC LIGHT COMPANY, INC.'S**  
**SECOND SUBMISSION OF INFORMATION REQUESTS**

Pursuant to the Proposed Revised Procedural Schedule adopted in Order  
No. 23153, the Division of Consumer Advocacy submits its **RESPONSES TO HAWAII  
ELECTRIC LIGHT COMPANY, INC.'S SECOND SUBMISSION OF INFORMATION  
REQUESTS** in the above docketed matter.

DATED: Honolulu, Hawaii, March 6, 2007.

Respectfully submitted,

By Cheryl S. Kikuta  
CHERYL S. KIKUTA  
Utilities Administrator  
DIVISION OF CONSUMER ADVOCACY

PUBLIC UTILITIES  
COMMISSION

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**DOCKET NO. 05-0315**

**HAWAII ELECTRIC LIGHT COMPANY, INC. ("HELCO")**

**DIVISION OF CONSUMER ADVOCACY'S RESPONSES TO  
HELCO'S SECOND SUBMISSION OF INFORMATION REQUESTS**

HELCO/CA-IR-201 **Ref: CA-205, line 1.**

The CA Reference on line 1 is "From Power Supply Dispatch Model". Please provide workpapers that have details of the \$233,300 of Propane Expenses.

RESPONSE: Please see the attached file named "Response to HELCO CA-IR-201.xls" for the details of the Propane Expenses calculation.

HELCO/CA-IR-202 **Ref: CA-210, line 11.**

The Energy Cost Adjustment (ECA) Filing at Present Rates calculations include in the generation component, dispersed fuel cost of 1,604.67 cent per mbtu recovered through the ECAC. Is this correct? If yes, please explain.

RESPONSE: No. It should have been included only in Proposed Rates. Propane costs and DG fuel oil and related land transportation costs are not currently being passed through the ECAC, as stated in HELCO T-3, page 5, lines 10-11.

HELCO/CA-IR-203 **Ref: CA-215, lines 3 and 4, CA-WP-215 page 9.**

In CA T-2, page 45, lines 10 through 20, the CA agrees that it is reasonable to include propane fuel costs in the ECAC as proposed by the Company. However, in CA-215, Energy Cost Adjustment (ECA) Filing Proposed Weighted Generation Efficiency Factor & DG Component calculations, the fuel costs of the Shipman Industrial and Hill Industrial do not include the cost of propane. Please explain why the propane fuel costs are not included as part of Shipman Industrial and Hill Industrial fuel cost.

RESPONSE: Propane fuel costs were inadvertently included in Shipman and Hill fuel costs, and thus were included as an IFO cost. Please see the attached file "Response to HELCO CA-IR-203.xls." If the propane costs are excluded from the IFO fuel expenses, the IFO fuel expenses decrease from \$47,106,800 to \$46,894,600, see line 10.

HELCO/CA-IR-204 **CA-215, lines 12 through 20, CA-WP-215 page 9.**

In determining the BTU Mix % in the Energy Cost Adjustment (ECA) Filing Proposed Weighted Generation Efficiency Factor & DG Component calculations, the total percent should be 100.00%. Please explain why the total percent is 99.98% instead of 100.00%.

RESPONSE: The Btu Mix % referred to on CA-215 and CA-WP-215, page 9 inadvertently included Dispersed Btu's that were 0.02% of the total Btu's. Please see the attached file "Response to HELCO CA-IR-204.xls" lines 10 through 18 which reflects the correct Btu Mix%.

HELCO/CA-IR-205 **CA-215.**

In CA T-2, page 45, lines 10 through 20, the CA agrees that it is reasonable to include propane fuel costs and a DG component in the ECAC as proposed by the Company. However, in CA-215, Energy Cost Adjustment (ECA) Filing Proposed Weighted Generation Efficiency Factor & DG Component calculations, the CA Reference is CA-WP-215, Determination of Percent of Generation Mix, Fuel Price by Plant (in ¢/mbtu) and Composite Cost of Generation (in ¢/mbtu) at Present Rates, which does not recover the propane costs. Is this correct? If yes, please explain.

RESPONSE: No. Determination of Percent of Generation Mix, Fuel Price by Plant (in ¢/mmbtu) and Composite Cost of Generation (in ¢/mmbtu) should have been at Proposed Rates. Please see the attached file "Response to HELCO CA-IR-203."

HELCO/CA-IR-206 **CA-WP-215, page 3, Column C.**

At present rates, fuel oil costs and fuel related additive and inspection (Petrospect) costs are recovered through the ECAC; however, the fuel expense shown in Column C does not include the fuel additive and inspection expenses. Please explain why the fuel additive and inspection expenses are not included in addition to fuel oil expense at present rates for recovery through the ECAC.

RESPONSE: Fuel additive and inspection (Petrospect) costs were inadvertently excluded from fuel expenses shown on CA-WP-215, page 3, column C. See attached file "Response to HELCO CA-IR-206.xls" for the corrected numbers. Fuel prices (\$/mmbtu) in column D include fuel additive and inspection costs, and are included in the ECAC.

HELCO/CA-IR-207 **CA-WP-211.**

In CA T-2, page 22, lines 1 through 22, the CA explains the difference between the Consumer Advocate's production simulation and the Company's. Although the production simulations have been revised, the CA continued to use the Company's proposed Avoided Cost payment rates and Schedule Q payment rate in determining the purchase power fuel expense for PGV, Wailuku, Hawi Renewable Dev, Apollo (Kamoa) other Small Hydro (>100kw) and Other (<100 kw). Does the CA agree that the proposed Avoided Cost payment rates and Schedule Q payment rate need to be recalculated due to the change in the production simulations, and purchase power fuel expenses should reflect the recalculated avoided cost payment rates and Schedule Q payment rate? If no, please explain.

RESPONSE: Yes. Avoided Cost and Schedule Q payment rates should be recalculated due to the change in the production simulations to reflect differing fuel and purchase power expenses.



**CERTIFICATE OF SERVICE**

I hereby certify that a copy of the foregoing **DIVISION OF CONSUMER ADVOCACY'S RESPONSES TO HAWAII ELECTRIC LIGHT COMPANY, INC.'S SECOND SUBMISSION OF INFORMATION REQUESTS** was duly served upon the following parties, by personal service, hand delivery, and/or U.S. mail, postage prepaid, and properly addressed pursuant to HAR § 6-61-21(d).

WARREN H. W. LEE  
PRESIDENT  
HAWAII ELECTRIC LIGHT COMPANY, INC.  
P. O. Box 1027  
Hilo, Hawaii 96721-1027

1 copy  
by U.S. mail

DEAN K. MATSUURA  
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1 copy  
by U. S. mail

DATED: Honolulu, Hawaii, March 6, 2007.

  
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